NaturesOwn Evolution™ 70 Specification Sheet

NaturesOwn Evolution™ 70 is a hydraulically applied alternative fiber mulch for use as an erosion control Best Management Practice (BMP). NaturesOwn Evolution™ 70 is composed of long strand, long lasting agricultural fibers and wood cellulose fibers which when properly applied in combination with the manufacturer’s recommended tackifier forms an intimate bond within the mulch-soil interfaces. NaturesOwn Evolution™ 70 forms a non-toxic, biodegradable and flexible mulch matrix that contains no foreign seed or any components that will inhibit seed germination.

**Recommended Application Rate:** 2,300 – 4,000 lbs/acre in a 1- or 2-step application depending on the slope conditions, grading method, ground moisture, and percent ground coverage requirements according to project specifications. For maximum mulch matrix effectiveness, a 2-step application is recommended by the manufacturer.

Consult manufacturer for recommended 2-step application procedure.

**Installation:** NaturesOwn Evolution™ 70 should be applied following the manufacturer’s recommendations. Only mechanical agitated hydro-mulching machines in good working condition should be used to apply NaturesOwn Evolution™ 70. In addition to using NaturesOwn Evolution™ 70, the use of slope interruption and/or water diversion BMPs is recommended for slopes that are more than 50 feet in length.

**Applications:** Erosion and sediment control; Dust abatement; Straw tacking; Mine reclamation; Moderate to steep slope vegetative seeding.

**Tackifier:** For best results, the manufacturer recommends the use of NaturesOwn Triple Tac™ in conjunction with Evolution™ 70 for all applications. Specifications and application rates for Triple Tac™ can be obtained by contacting Hamilton Manufacturing.

**Test Data:**

<table>
<thead>
<tr>
<th>Test Data</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Holding Capacity</td>
<td>&gt;1200%</td>
</tr>
<tr>
<td>Moisture Content</td>
<td>12% +/- 3%</td>
</tr>
<tr>
<td>Organic Matter Content</td>
<td>&gt;95%</td>
</tr>
<tr>
<td>Ash Content</td>
<td>&lt;5%</td>
</tr>
<tr>
<td>pH Range</td>
<td>7.1 +/- 2</td>
</tr>
</tbody>
</table>

**Composition:**

Proprietary Recycled Agricultural Fiber/Wood Cellulose Fiber Blend.....88% +/- 3%
Moisture Content (includes water and dye)...........................................12% +/- 3%

**Packaging:** NaturesOwn Evolution™ 70 is packaged in 50 pound bags with a 1 year UVI protectant added. Pallets: 40 bags/pallet or 2000 lbs/pallet. UV resistant weather covers are available upon request.

For technical information or distributor locations contact:
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www.hmi-mfg.com info@hmi-mfg.com